

Analysis of the factor structure of the Yoni Task instrument for its cross-cultural validation in the Spanish-speaking population

Wednesday 23 July 2025 18:00 (15 minutes)

Introduction: The assessment of social cognition through the Theory of Mind can contribute to the study of this construct. One of the instruments proposed to assess the Theory of Mind is the Yoni Task, with which a cross-cultural validation is being carried out for the Spanish-speaking population (Argentina, Mexico and Spain). **Objective:** This study aims to determine the factor structure of the Yoni Task instrument. **Method:** A first version of the instrument consisting of 97 items has been applied to a sample of 596 participants between 18 and 65 years old of the three countries, which has shown a good reliability index. In a first exploratory factor analysis, with all the items, the instrument has shown an inadequate factorization, with a solution difficult to interpret due to the high number of factors obtained, when based on the theory only two are expected. In the second step, a procedure for the assignment of items was followed to allow the selection of those items with the best psychometric properties and the factorization of the second version of the instrument was analyzed by means of a robust factor analysis using the Factor program. **Results:** a short version of the instrument was created, consisting of 17 items. The results of the factor analysis performed with the short version show 2 factors (Affective and Cognitive) to which the items fit adequately and have obtained good reliability indices. **Conclusion:** based on the results, it has been verified that the short version works adequately in this sample, and it is proposed to administer the test to a new sample to ensure that the results are replicable and thus, to be able to validate the conclusions.

Symposium title

Research methodologies in social cognition: A measurement approach from the Social Neurosciences

Coordinator

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Session Classification: Symposium : "Research methodologies in social cognition: A measurement approach from the Social Neurosciences."